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New Jersey Agricultural Statistics Service

a field office of the
National Agricultural Statistics Service
United States Department of Agriculture

in cooperation with the

**New Jersey
Department of Agriculture**

2002 Fresh Market Sweet Corn Statistics



January 2004

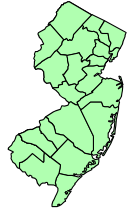


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United States Department of Agriculture

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New Jersey 2002 Fresh Market Sweet Corn

The 2002 spring fresh market sweet corn planting started out early. Temperatures were about normal, while topsoil moisture was short during the late spring. The persistent hot, dry conditions during the summer affected yield and shortened the harvest period for sweet corn. Harvest began earlier than normal, and producers were able to take advantage of the early season harvest prices.

The production of fresh market sweet corn generated \$17.2 million in value in 2002. It was ranked third among all principle fresh market vegetables in terms of total fresh market value of production, approximately \$10 million behind both tomatoes and bell peppers. Sweet corn production contributes 12 percent to the total value of principal fresh market vegetable production in New Jersey. In terms of harvested acreage, fresh market sweet corn made up 23 percent of the total principle fresh market acreage in the state, and was our largest vegetable crop in New Jersey in 2002. The harvested acreage, at 8,500, was a four percent decrease from 2001. Yield per acre in 2002, at 93 cwt per acre, was 14 cwt above the 10-year average of 79 cwt per acre, but 7 cwt per acre below the 2001 average. The season average price for 2002 was the second highest dollar value, at \$21.80 per cwt, ever recorded in the state.

New Jersey ranked eighth in the nation in production and seventh in the nation in value of production of fresh market sweet corn in 2002. New Jersey contributed three percent to the total production and total value of production of fresh market sweet corn in the United States. Florida was the largest producer in the nation, with 21 percent of the total value of U.S. production of fresh market sweet corn.

The estimating program for fresh market sweet corn started in 1935 for production and in 1939 for acreage and price. Based the record book, the largest number of fresh market sweet corn acres ever harvested was in 1939 when 23,000 acres were harvested. The smallest number was during the 1999 drought year when only 8,000 acres were harvested. The lowest yield ever recorded was in 1944 when the yield was 32 cwt per acre. The highest yield was recorded in 2000 at 105 cwt per acre. The lowest season average price, at \$1.20 per cwt, was recorded in 1939. Fifty-seven years later, in 1996, the highest season average price of \$21.90 was recorded.

In New Jersey, acreage contracted for processing use has been excluded from the fresh market estimated acres. There are no local processors, so all processing sweet corn production was shipped out of state. Total sweet corn processing acreage, yield, production, and price are not published separately, but combined with all processing vegetables grown in the state.

Becky Cross
State Statistician
New Jersey Agricultural Statistics Service

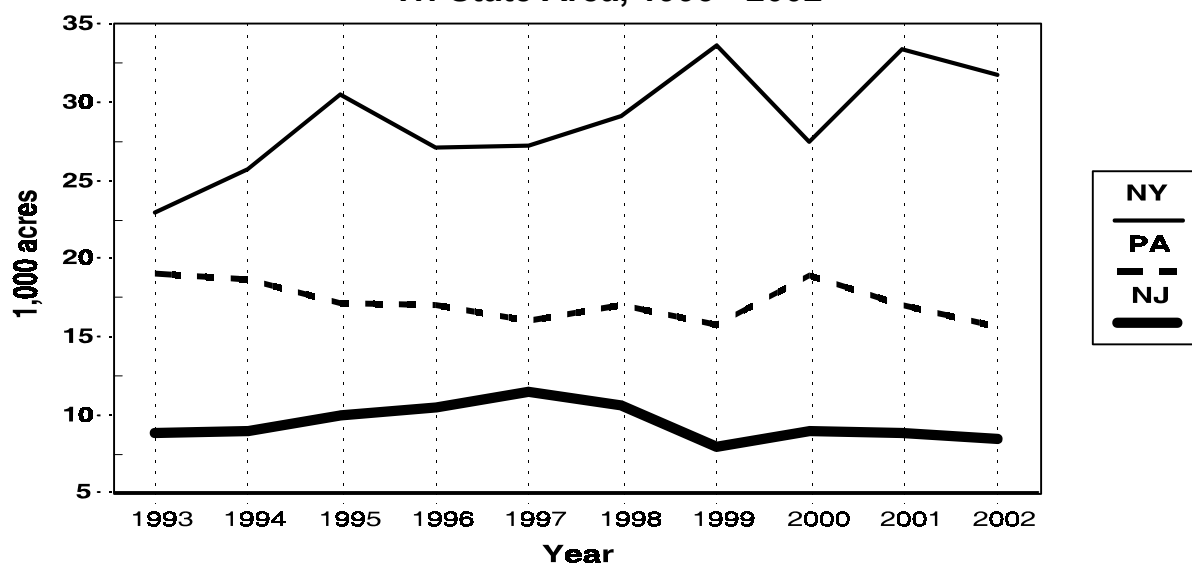
Fresh Market Sweet Corn Total Acres Harvested

In New Jersey, the total harvested acres have remained fairly stable from 1993-2002, with small increases and decreases. The two years with the lowest harvested acres were both drought years. The 8,000 acres harvested in 1999 were the lowest on record since the estimating program began in 1935. Nationally, New Jersey is tied for ninth place in terms of harvested fresh market sweet corn acreage. In 2002, total harvested acres, at 8,500, accounted for 3 percent of the US total.

Fresh Market Sweet Corn Total Acres Harvested Tri-State Area and United States, 1993 - 2002

YEAR	NJ	NY	PA	US
-- acres --				
1993	8,800	23,000	19,100	209,800
1994	9,000	25,700	18,700	225,900
1995	10,000	30,500	17,200	225,200
1996	10,500	27,100	17,000	227,800
1997	11,500	27,300	16,000	236,400
1998	10,600	29,200	17,100	237,400
1999	8,000	33,700	15,800	237,300
2000	9,000	27,500	18,900	246,100
2001	8,900	33,400	17,100	251,600
2002	8,500	31,800	15,700	248,800
Average	9,480	28,920	17,260	234,630

Fresh Market Sweet Corn Total Acres Harvested Tri-State Area, 1993 - 2002



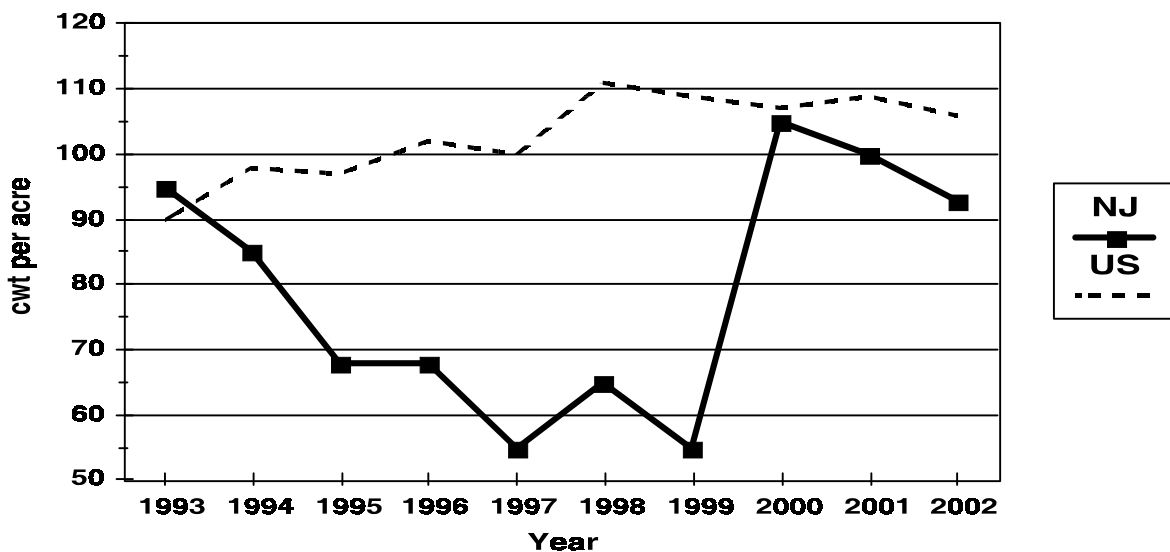
Fresh Market Sweet Corn Yield

In 2002, New Jersey's yield per acre for fresh market sweet corn was higher than the ten-year average. The yield, at 93 cwt per acre, was 38 cwt higher than the drought year of 1999, but 7 cwt less than the yield in 2001. Comparing the ten year average yield among New Jersey, New York and Pennsylvania, New Jersey ranked second with 79 cwt per acre, New York ranked first with 84 cwt per acre, and Pennsylvania ranked third with 53 cwt per acre.

**Fresh Market Sweet Corn Yield
Tri-State Area and United States, 1993 - 2002**

YEAR	NJ	NY	PA	US
-- cwt per acre --				
1993	95	85	50	90
1994	85	100	60	98
1995	68	85	47	97
1996	68	75	65	102
1997	55	73	55	100
1998	65	90	60	111
1999	55	95	44	109
2000	105	95	51	107
2001	100	115	41	109
2002	93	110	40	106
Average	79	92	51	103

**Fresh Market Sweet Corn Yield
New Jersey and US, 1993 - 2002**



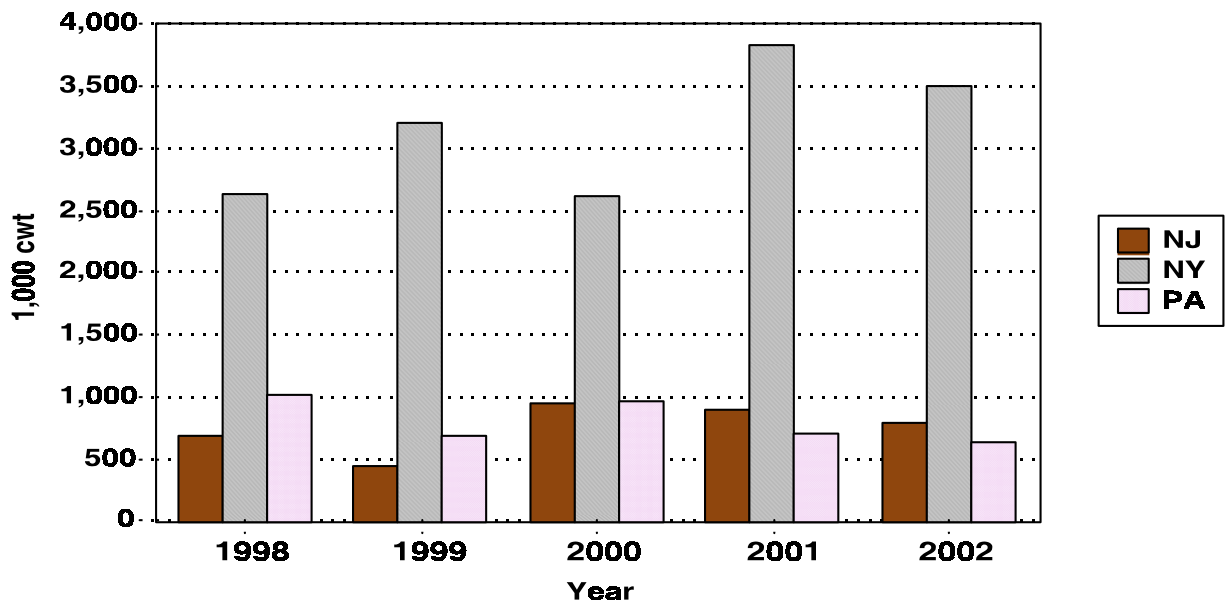
Fresh Market Sweet Corn Total Production

New Jersey's final production for 2002 was 791 thousand cwt (79.1 million pounds), 154 thousand cwt (15.4 million pounds) less than the record high production of 945 thousand cwt in 2000. The record low production was 440 thousand cwt in 1999, a result of severe drought conditions. In 2002, there were production decreases in New Jersey, New York, and Pennsylvania due to hot, dry growing conditions. Production is a function of both yield and harvested acreage.

Fresh Market Sweet Corn Total Production Tri-State Area and United States, 1993 - 2002

YEAR	NJ	NY	PA	US
-- 1,000 cwt --				
1993	836	1,955	955	18,848
1994	765	2,570	1,122	22,121
1995	680	2,593	808	21,792
1996	714	2,033	1,105	23,127
1997	633	1,993	880	23,641
1998	689	2,628	1,026	26,311
1999	440	3,202	695	25,786
2000	945	2,613	964	26,401
2001	890	3,841	701	27,383
2002	791	3,498	628	26,430
Average	738	2,693	888	24,184

Fresh Market Sweet Corn Total Production Tri-State Area, 1998 - 2002



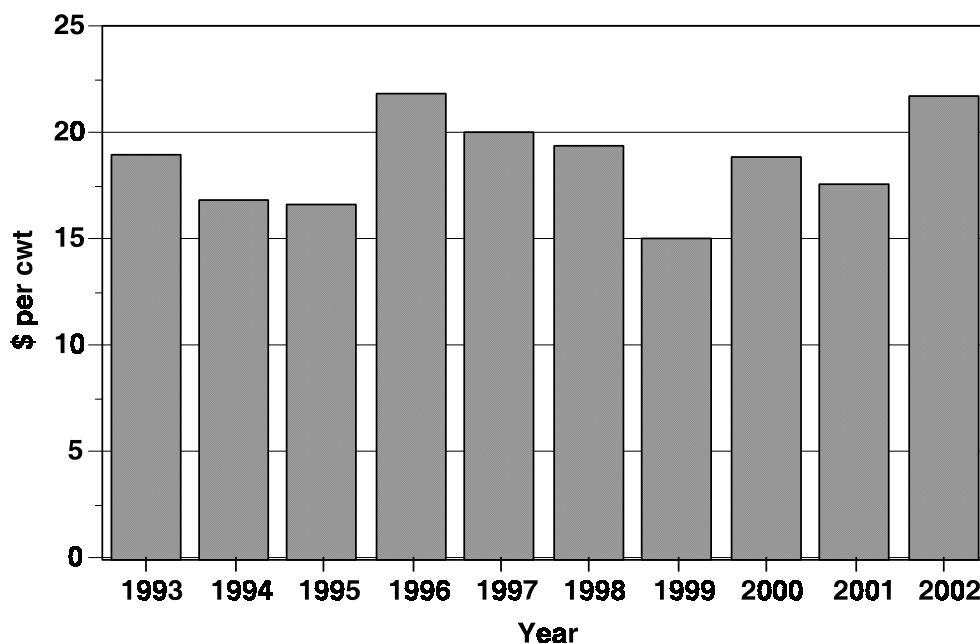
Fresh Market Sweet Corn Season Average Price

The 2002 season average price for sweet corn, at \$21.80 per cwt, was \$4.20 more than the price in 2001. In fact, the 2002 season average price was the second highest price on record, with the highest price on record only slightly higher at \$21.90. The New Jersey season average price was still lower in 2002 than the New York and Pennsylvania price of \$23.90 and \$31.80, respectively.

Fresh Market Sweet Corn Season Average Price Tri-State Area and United States, 1993 - 2002

YEAR	NJ	NY	PA	US
-- \$ per cwt --				
1993	19.00	11.90	19.70	17.80
1994	16.90	12.70	17.80	17.20
1995	16.60	18.90	19.50	18.30
1996	21.90	14.80	20.50	16.90
1997	20.10	14.90	28.30	17.70
1998	19.40	18.10	23.40	17.20
1999	15.00	16.30	23.50	17.20
2000	18.90	21.60	23.40	18.20
2001	17.60	17.80	26.50	19.50
2002	21.80	23.90	31.80	20.10
Average	18.72	17.09	23.44	18.01

New Jersey Fresh Market Sweet Corn Season Average Price, 1993 - 2002



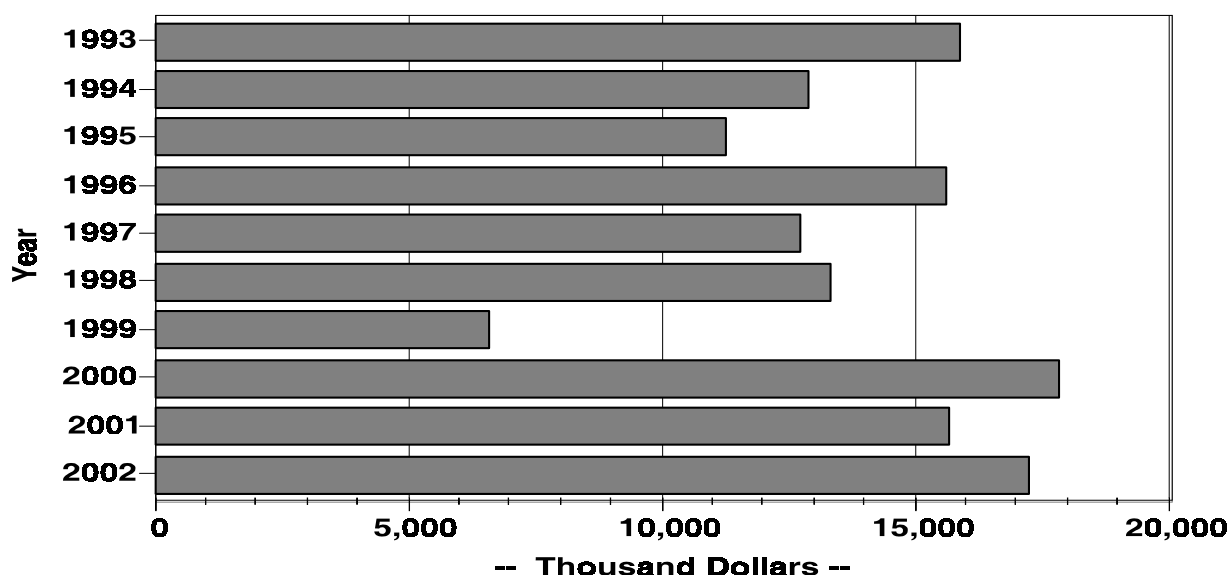
Fresh Market Sweet Corn Total Value of Production

In New Jersey, the total value of production increased from \$15.7 million in 2001 to \$17.2 million in 2002. The increase was the result of a favorable season average price. The sweet corn value of production also increased in 2002 in New York and Pennsylvania. This total value of production is the second highest value on record in New Jersey, right behind the record high total value of production in 2000 of \$17.9 million.

Fresh Market Sweet Corn Total Value of Production Tri-State Area and United States, 1993 - 2002

YEAR	NJ	NY	PA	US
-- \$1,000 --				
1993	15,884	23,265	18,814	335,716
1994	12,929	32,639	19,972	380,213
1995	11,288	49,008	15,756	397,769
1996	15,637	30,088	22,653	390,737
1997	12,723	29,696	24,904	418,617
1998	13,367	47,567	24,008	452,410
1999	6,600	52,193	16,333	443,276
2000	17,861	56,441	22,558	480,706
2001	15,664	68,370	18,577	534,586
2002	17,244	83,602	19,970	531,159
Average	13,920	47,287	20,355	437,318

New Jersey Fresh Market Sweet Corn Total Value of Production, 1993 - 2002



New Jersey
Fruit and Vegetable Summary, 2002

Crops	Acres Harvested	Yield per Acre 1/	Total Production 2/	Season Average Price	Value of Production	
					Total 3/	Per Acre
Fruit Crops	-acres-	-lbs-	-1,000 lbs-	-cents/lb-	-\$1,000-	-\$-
Apples	2,600	13,500	32,000	17.6	5,640	2,169
Blueberries	7,400	5,680	42,000	111.0	46,790	6,323
Cranberries	3,100	13,870	43,000	32.0	13,760	4,439
Peaches	8,000	7,750	57,000	44.2	25,194	3,149
Strawberries	400	4,000	1,600	130.0	2,080	5,200
Vegetables for Fresh Market	-acres-	-cwt-	-1,000 cwt-	-\$/cwt-	-\$1,000-	-\$-
Asparagus	1,100	35	39	83.00	3,237	2,943
Cabbage	1,600	390	624	17.10	10,670	6,669
Collards 4/	700	225	158	18.70	2,955	4,221
Cucumbers	3,000	225	675	17.70	11,948	3,983
Eggplant	800	190	152	24.40	3,709	4,636
Escarole & Endive 4/	700	190	133	27.40	3,644	5,206
Kale 4/	400	195	78	21.40	1,669	4,173
Lettuce, Head	1,000	150	150	37.20	5,580	5,580
Lettuce, Romaine & Leaf 4/	1,200	185	222	15.80	3,498	2,915
Peppers, Bell	3,700	260	962	27.20	26,166	7,072
Pumpkins 4/	2,000	87	174	25.00	4,350	2,175
Snap Beans	3,100	37	115	40.50	4,658	1,503
Spinach	1,600	98	157	35.70	5,605	3,503
Squash, Summer 4/	2,400	135	324	27.90	9,040	3,767
Squash, Winter 4/	1,100	119	131	15.40	2,017	1,834
Sweet Corn	8,500	93	791	21.80	17,244	2,029
Tomatoes	3,300	230	759	36.00	27,324	8,280
Total - Fresh Market	36,200	156	5,644	25.40	143,314	3,959
Principal Processing Vegetables	-acres-	-tons-	-tons-	-\$/tons-	-\$1,000-	-\$-
Total - Processing 5/	11,600	6.35	73,630	124.30	9,153	789

1/ Yield per acre is based on total production, except for blueberries, which is based on utilized production.

2/ Total production is actually utilized production for fruit crops.

3/ Total value of production for fruit crops is based on utilized production only.

4/ These vegetables are in the state estimating program only.

5/ Not published separately to avoid disclosing individual operations. Processing vegetables include carrots, cucumbers, green peas, lima beans, snap beans, spinach, sweet corn, and tomatoes.



Who we are

The mission of USDA's National Agricultural Statistics Service (NASS) is to provide timely, accurate, and useful statistics in service to United States agriculture. All 46 field offices are operated under cooperative funding arrangements with State Departments of Agriculture and/or land-grant universities. Statistics are based on data collected from growers and agri-businesses through annual, quarterly, monthly, and weekly surveys and the Census of Agriculture.

Nationwide: About 400 national reports are issued annually covering about 120 crop and 45 livestock items in the major-producing states along with economic and demographic information. Each report is published according to a pre-set calendar of release dates. Strict security ensures that no one gains premature access to the information. The Census of Agriculture is conducted every five years to generate statistics for ALL agricultural commodities at the county, state, and national levels. The five-year program also includes special studies like the Census of Horticulture and Aquaculture. Census products and services are available from all field offices.

New Jersey: The New Jersey field office issues about 65 reports annually such as the *New Jersey Farm Facts*, *Weekly Crop Weather Report*, *Jersey Fresh Fruit and Vegetable Crops*, and an annual summary with historical comparisons and county statistics for our major commodities.

Agricultural Statistics & Other Information from NASS

National reports are the most timely source of statistics.

However, state reports may have more local information.

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The national homepage has links to all agency products and services such as publications, graphics, historic data, state information, statistical research, Census of Agriculture, a search engine and a Published Estimates Data Base to query and download state or county historic data. There are also links to our Customer Service unit, a Kids Page, and all other federal statistics outside the National Agricultural Statistics Service.

For a monthly summary of USDA estimates, forecasts, and projections of commodities, prices, trade issues, and world crop developments, see: www.usda.gov/nass/pubs/nassfact.htm

New Jersey Homepage: www.nass.usda.gov/nj/

The New Jersey site offers much of the same information as the national homepage but in a format designed for New Jersey customers. The reports contain the same statistics but offer more details about agriculture in the New Jersey region. There are also state-funded reports that are not available on the national website, such as the Jersey Fresh Fruit and Vegetable release. Links are also available to other sites such as the New Jersey Department of Agriculture and other NASS field offices.

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